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(54) Title: LUPUS ANTIBODIES FOR PASSIVE IMMUNOTHERAPY OF HIV/AIDS

Evolutionary integration of Viral sequences into host genome is a microbial immune subversion strategy

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Non-autoimmune host

Tolerance to HERV self-antigens

Ab responses to HERV self-antigens

Robust Ab responses to present-day microbes/ microbes/ Protection against infection

(57) Abstract: Disclosed are monoclonal antibodies and antibody fragments which recognize antigens encoded by HERV DNA sequences, and methods for production, including recombinant antibody fragments derived from lymphoid cells of lupus patients that make antibodies which neutralize HIV.